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CIP Programming

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CIP Programming

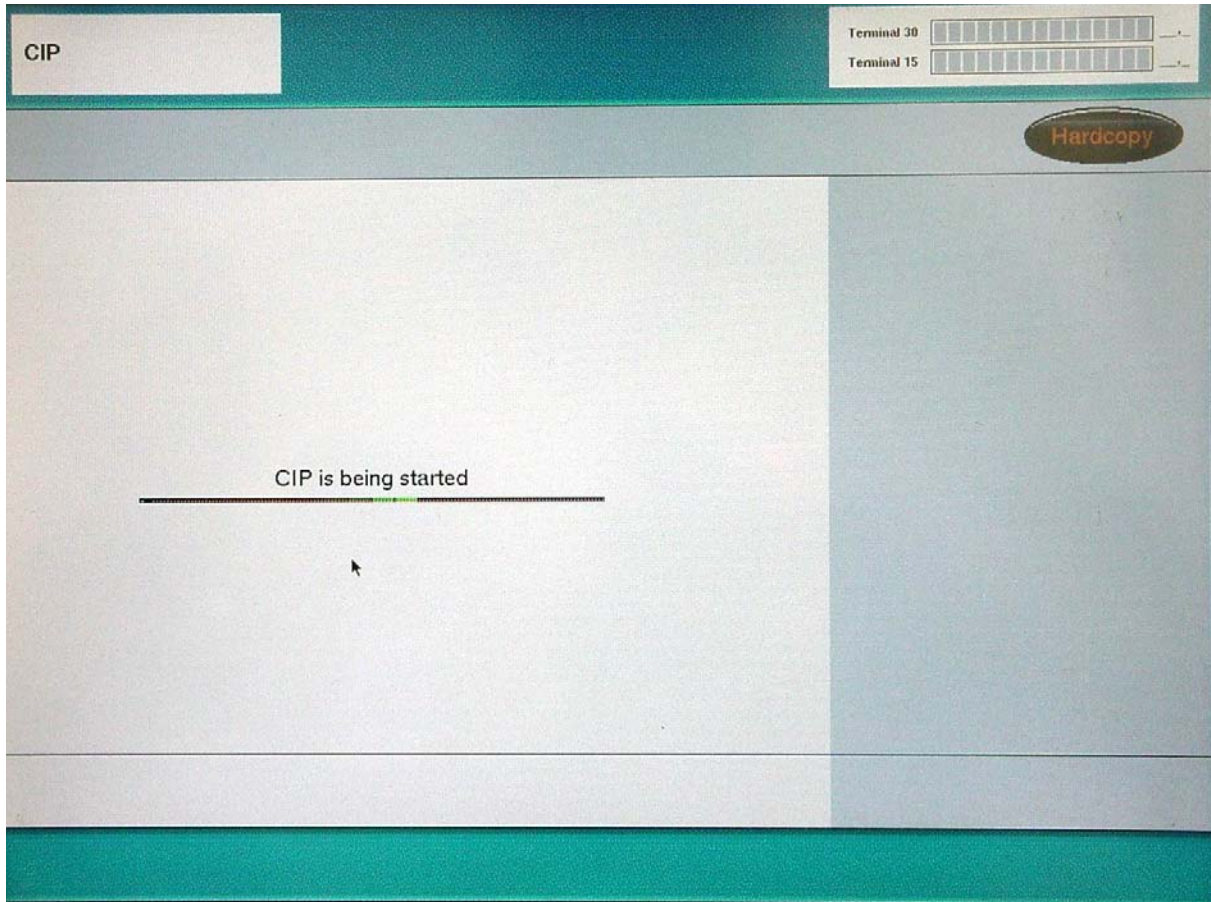
Model: All

Production: All

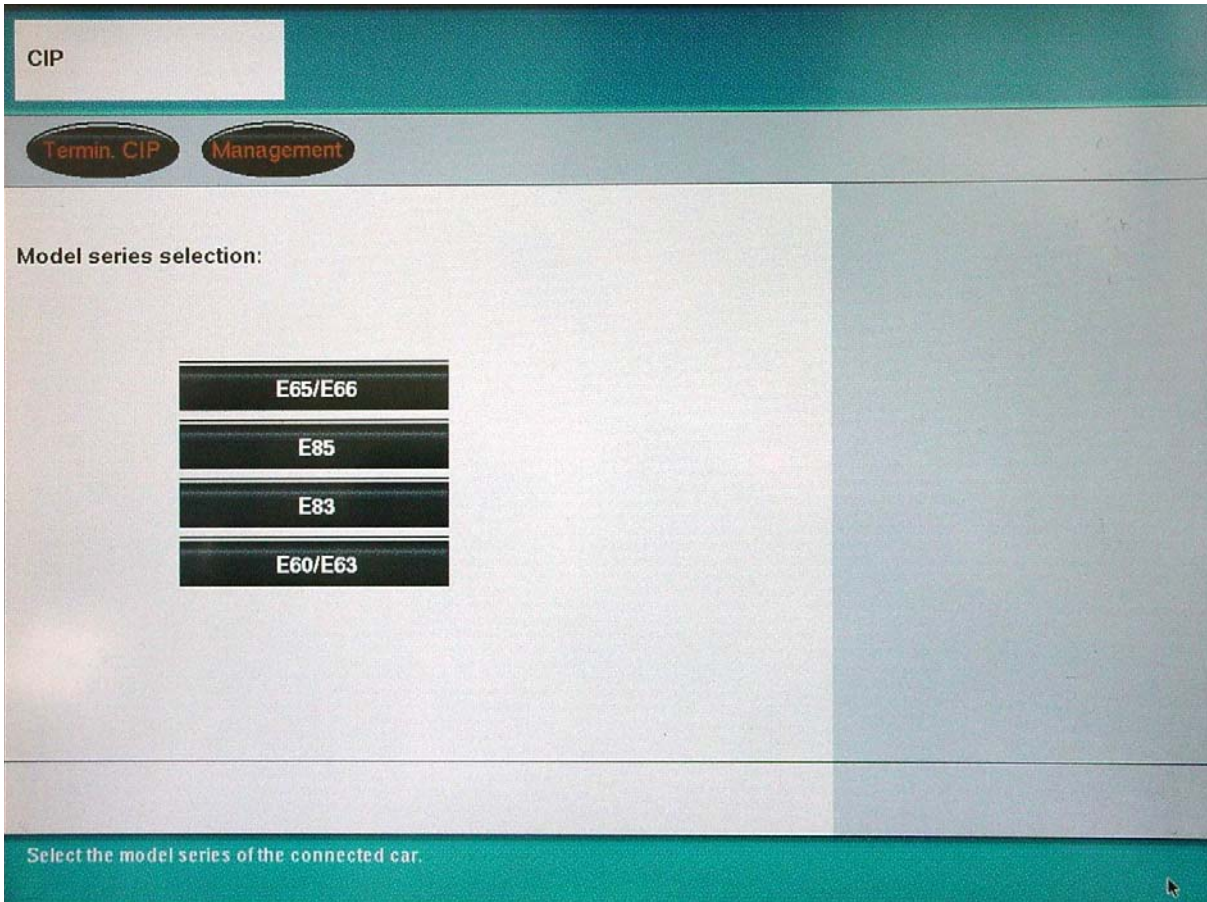
OBJECTIVES

After completion of this module you will be able to:

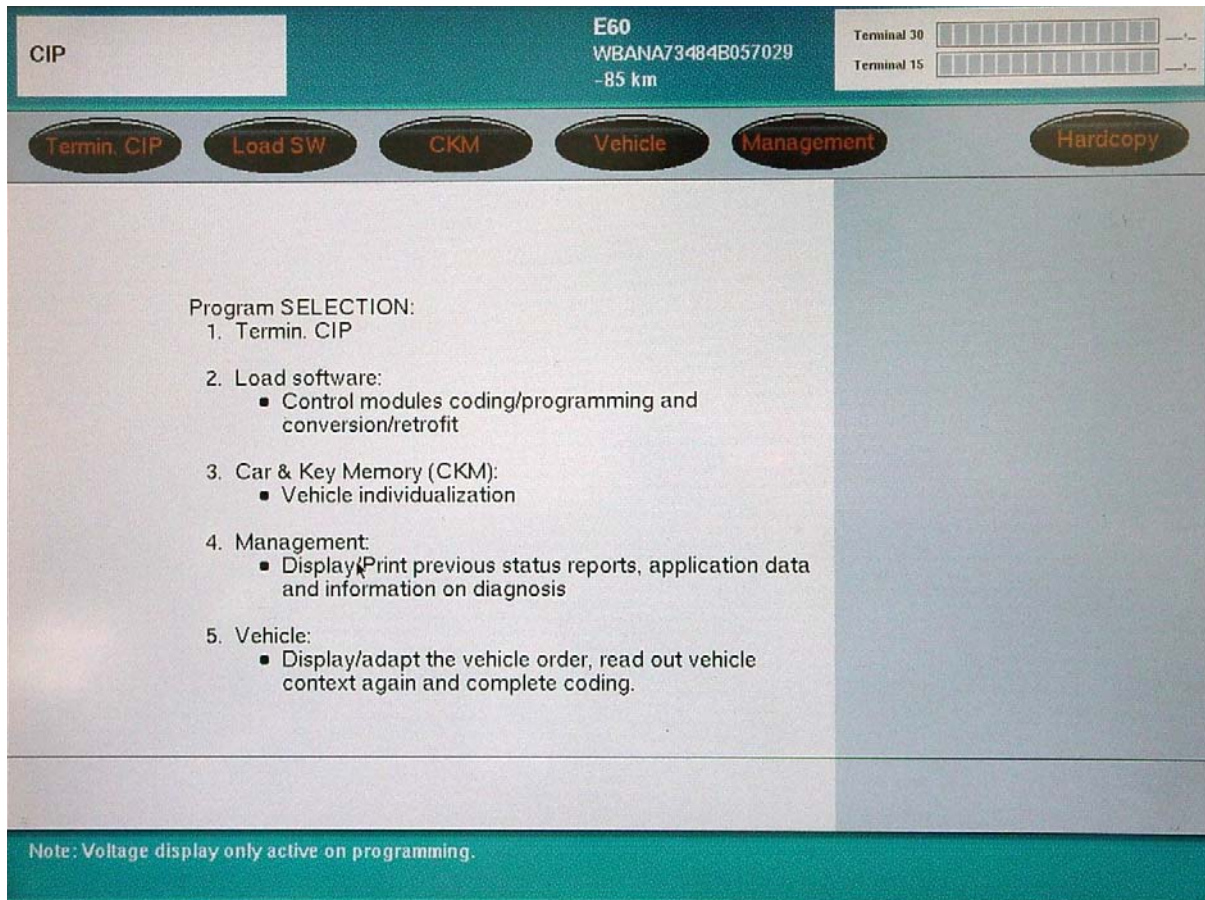
- Retrofit an eject box and perform CIP
- Program a vehicle with complete vehicle coding
- Change the vehicle VO



The opening screen when CIP is started.



Choose which vehicle you will be programming.

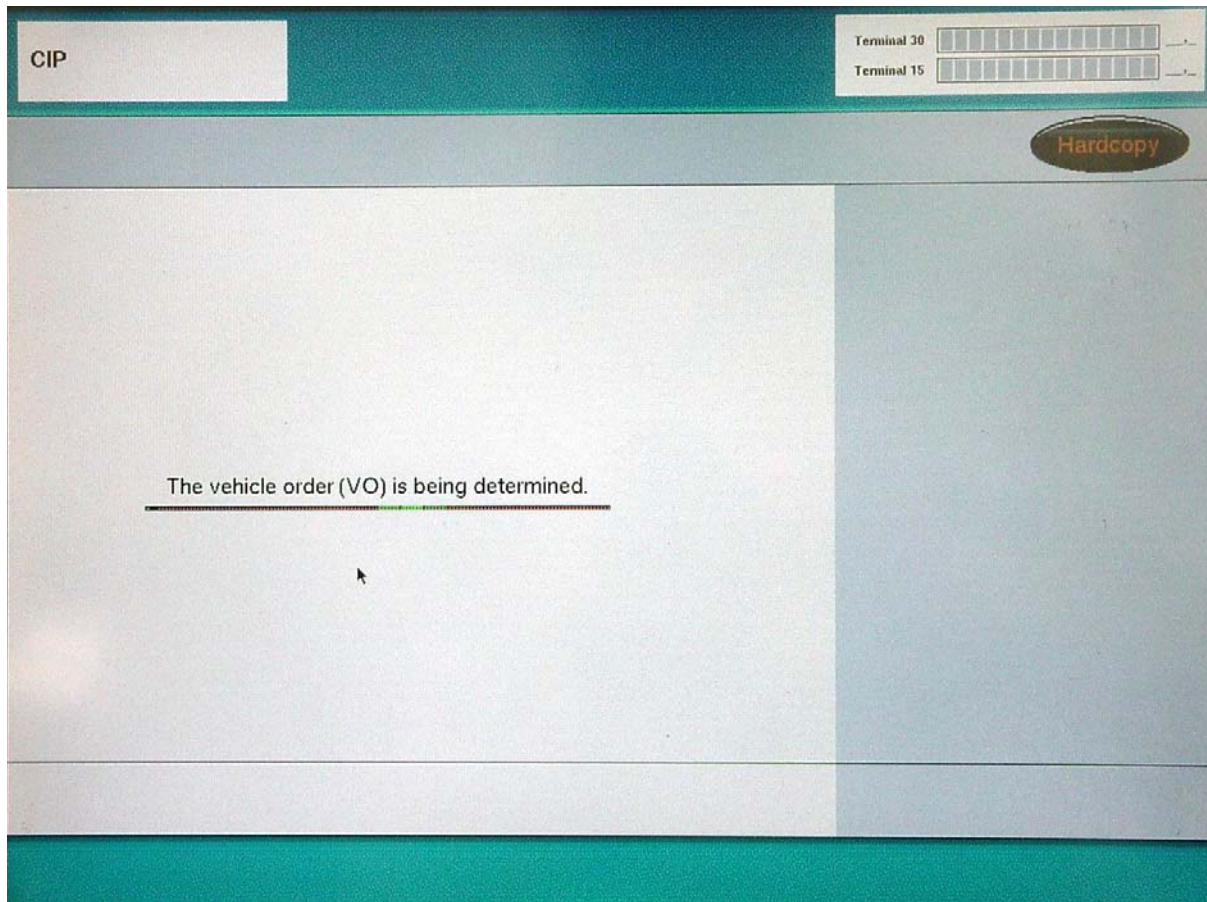


Select depending upon programming required.

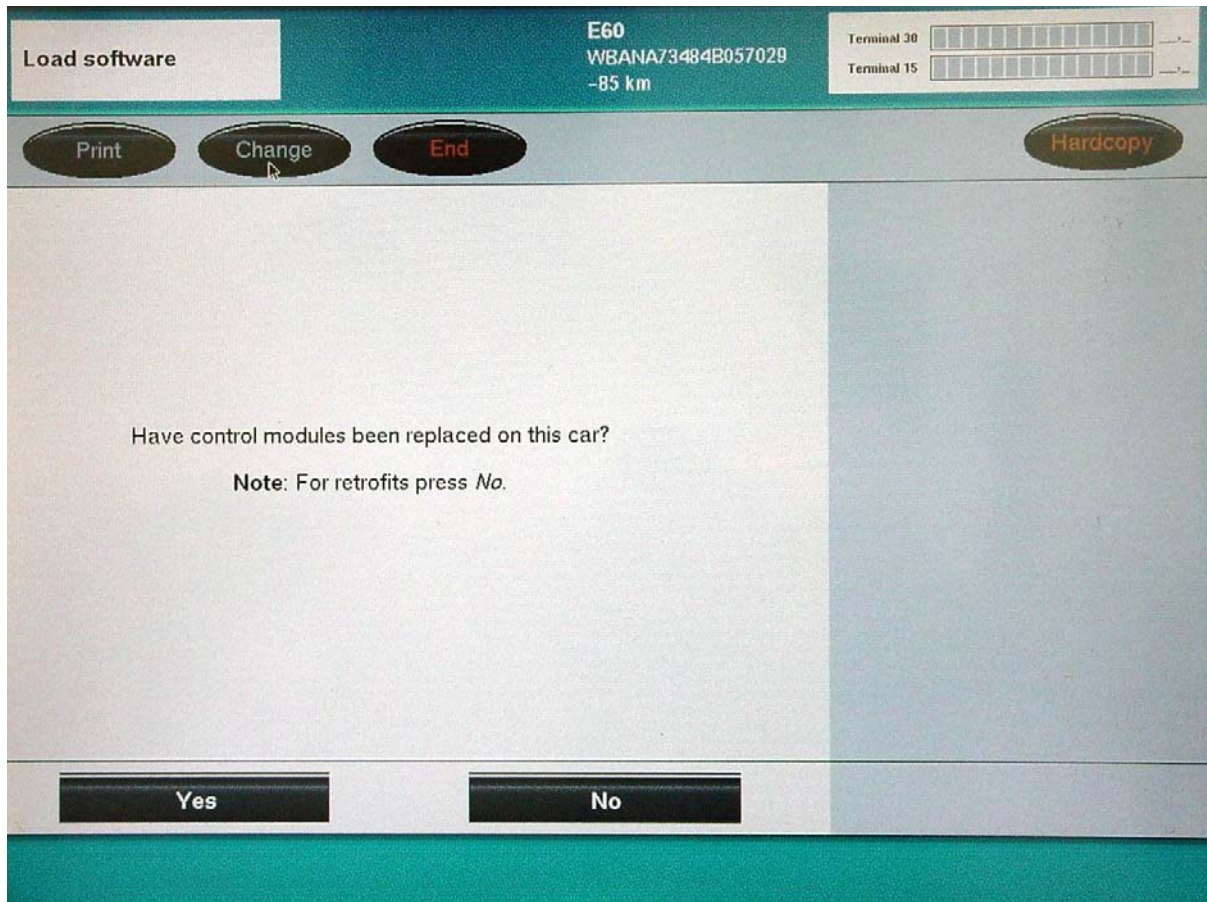
To retrofit select **Load SW**.

To update a vehicle select **Vehicle**.

Selecting Vehicle will ensure that complete encoding is performed.

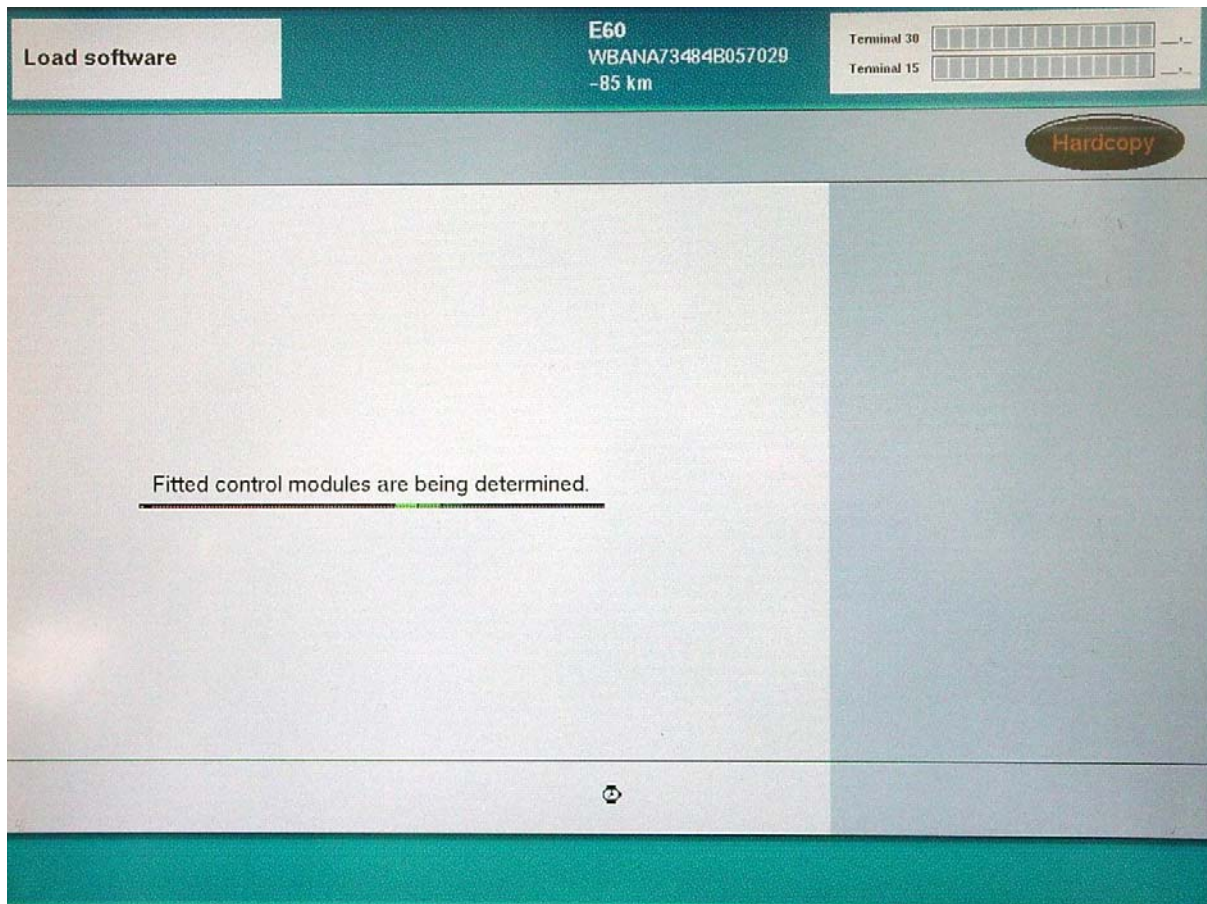


Regardless of whether you have selected Load SW or Vehicle, the VO will be determined.

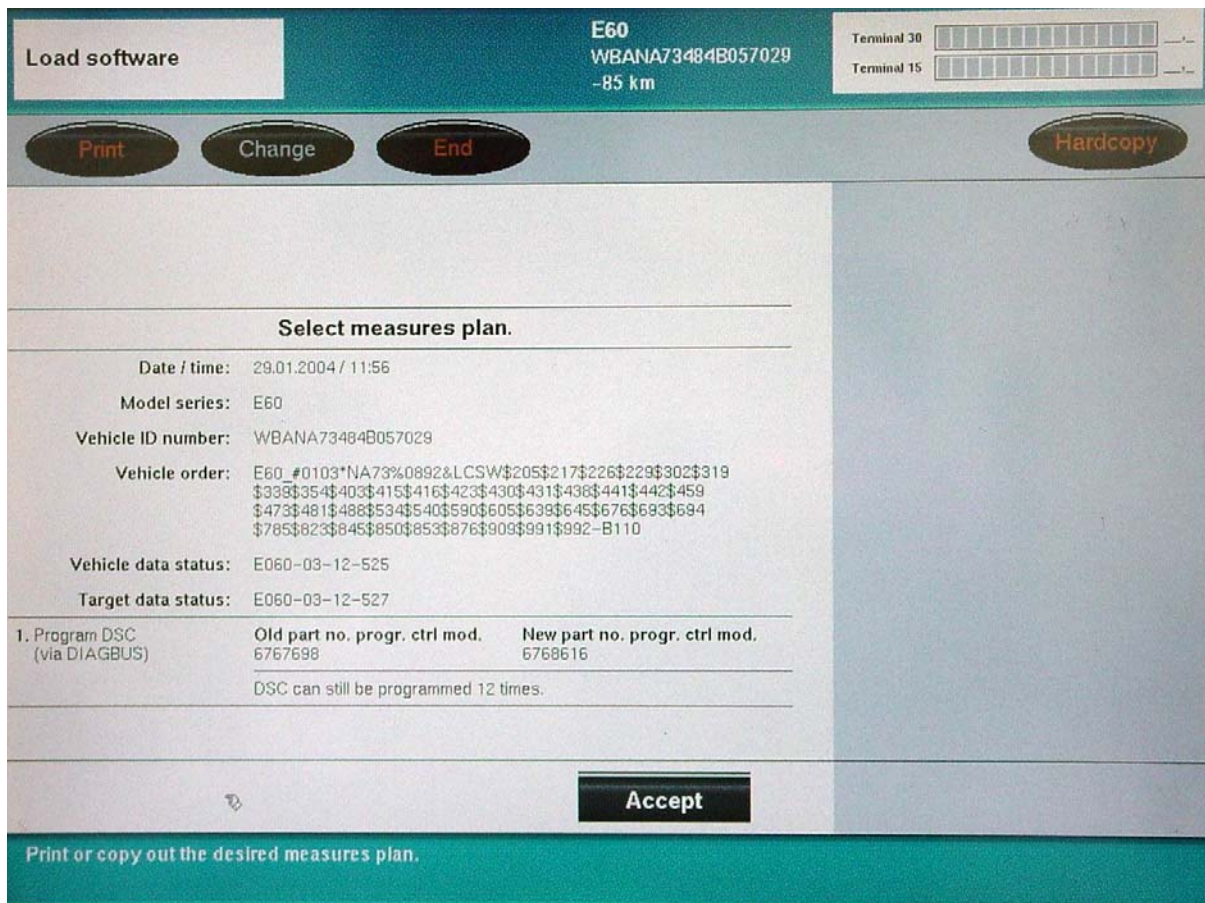


A **YES** selection will lead you to choose which control module(s) have been replaced.

A **NO** selection will lead you to **Retrofits**.



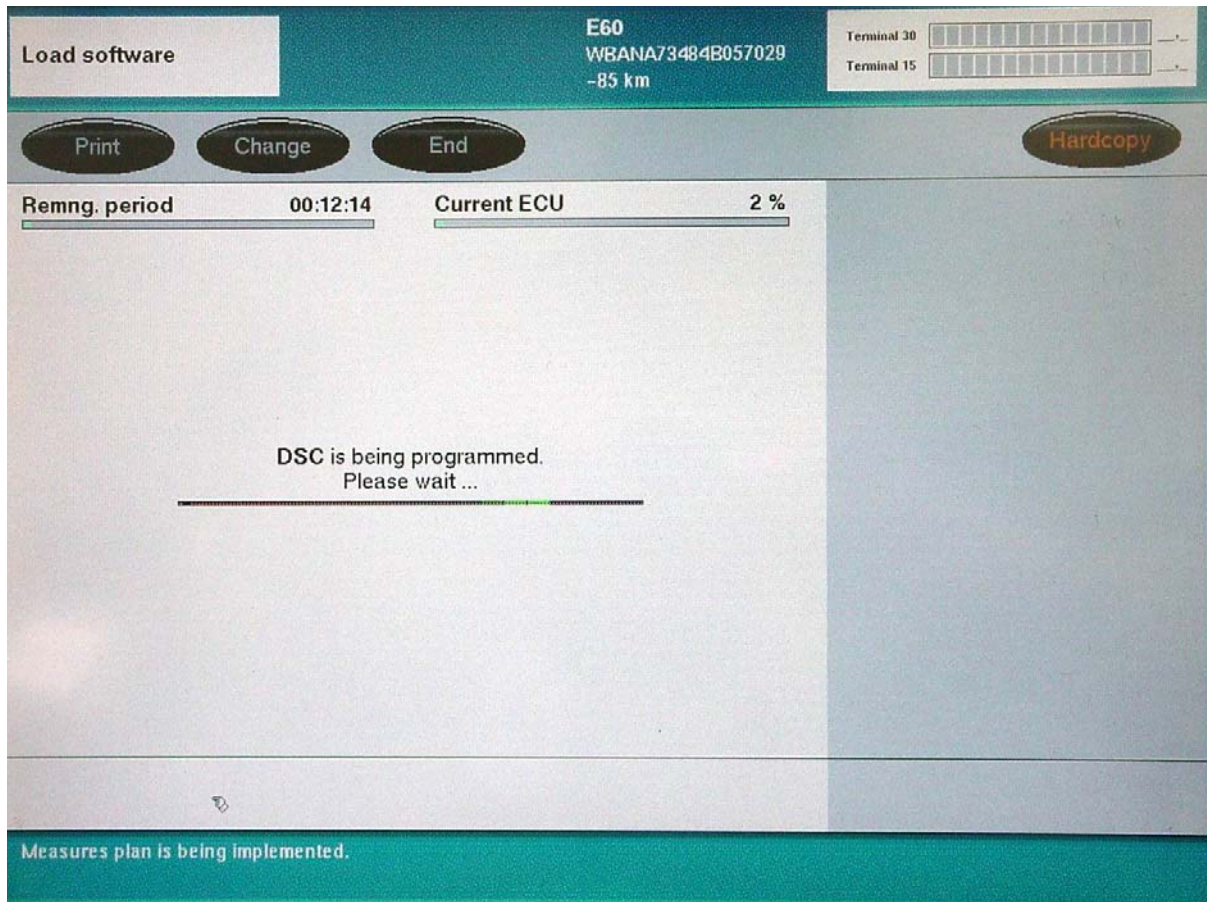
After selecting YES fitted control modules will be determined.



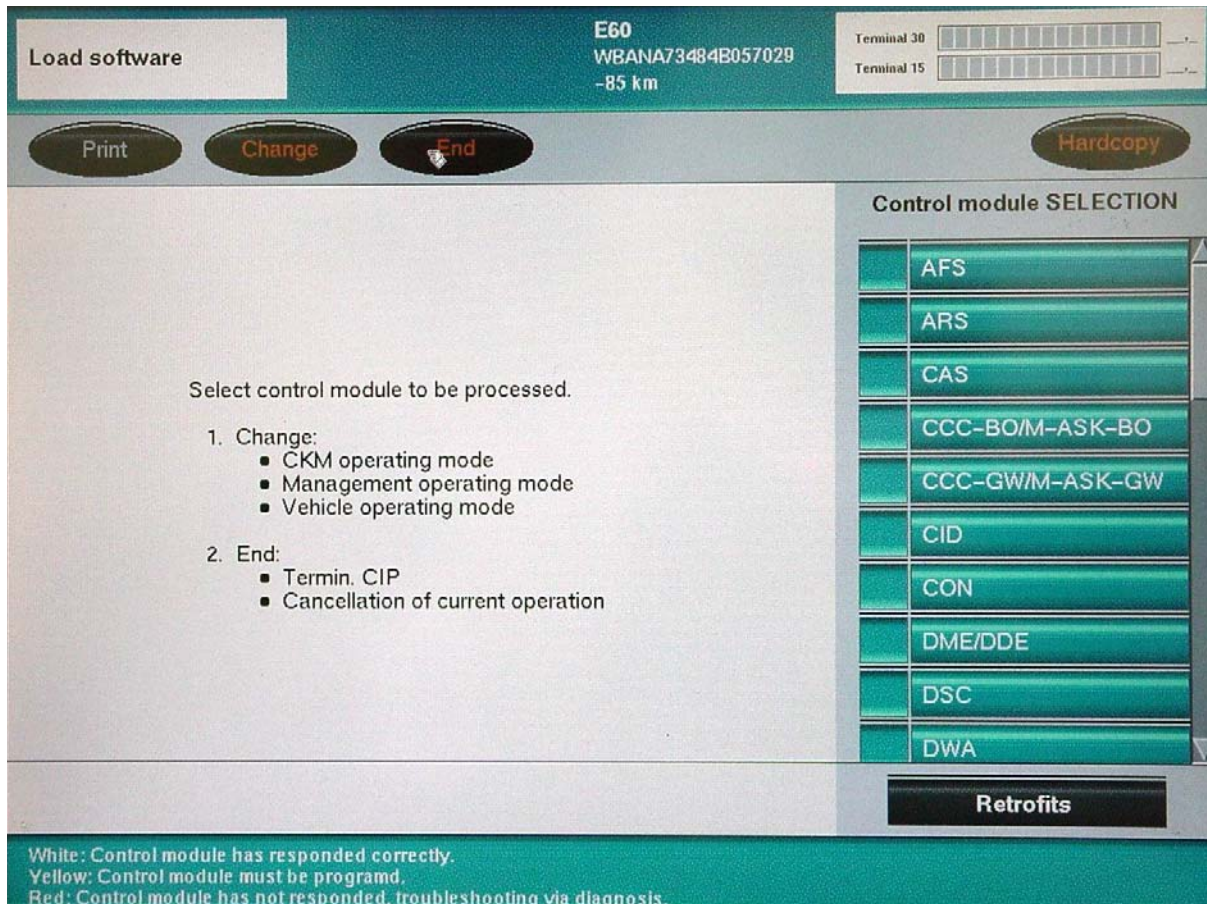
After determining the fitted modules, a measures plan will be made. At this point you will be notified if control modules need to be replaced.

Control module replacement is required if the hardware level in a module can not be upgraded to a high enough software level.

In the case above no modules need replacement, in fact on the DSC needs to be reprogrammed.

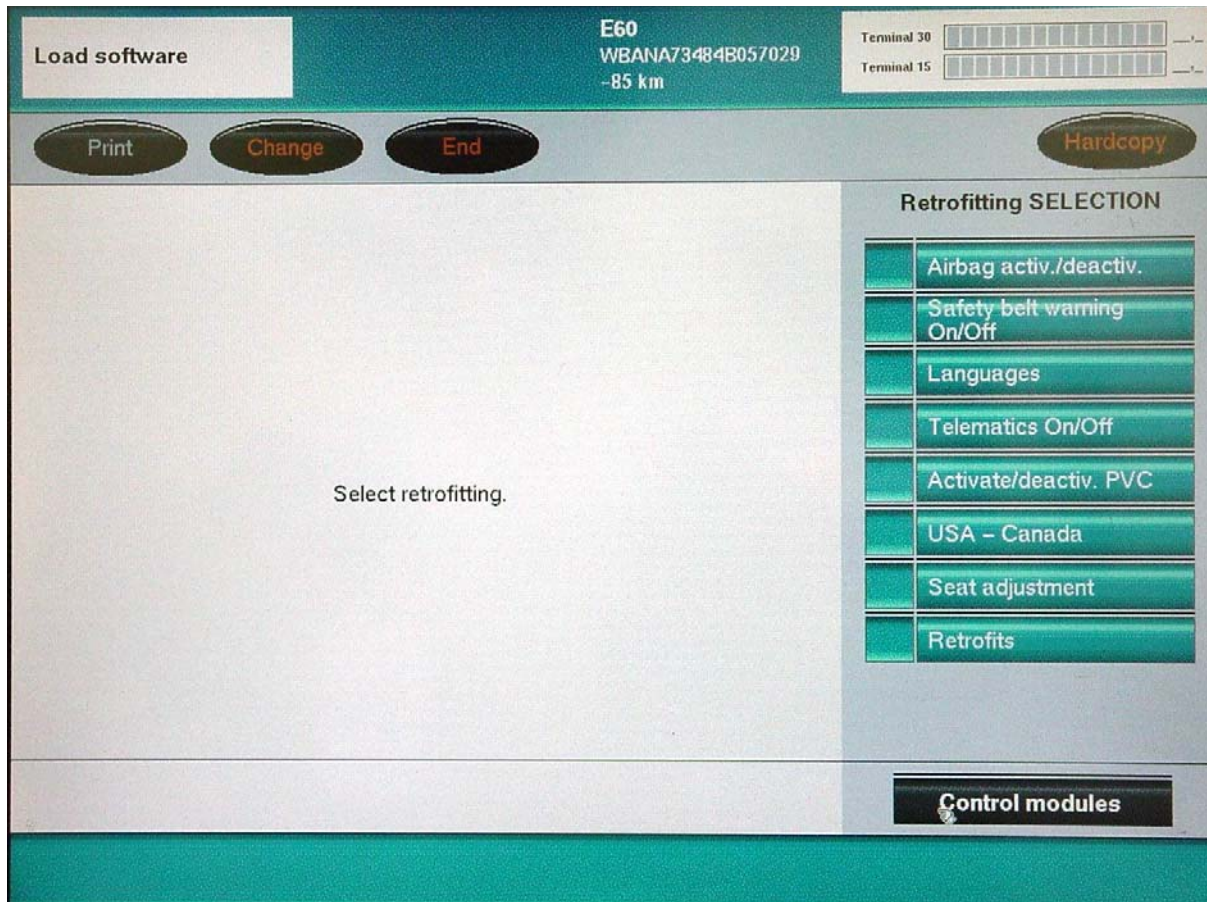


DSC programming is being carried out.



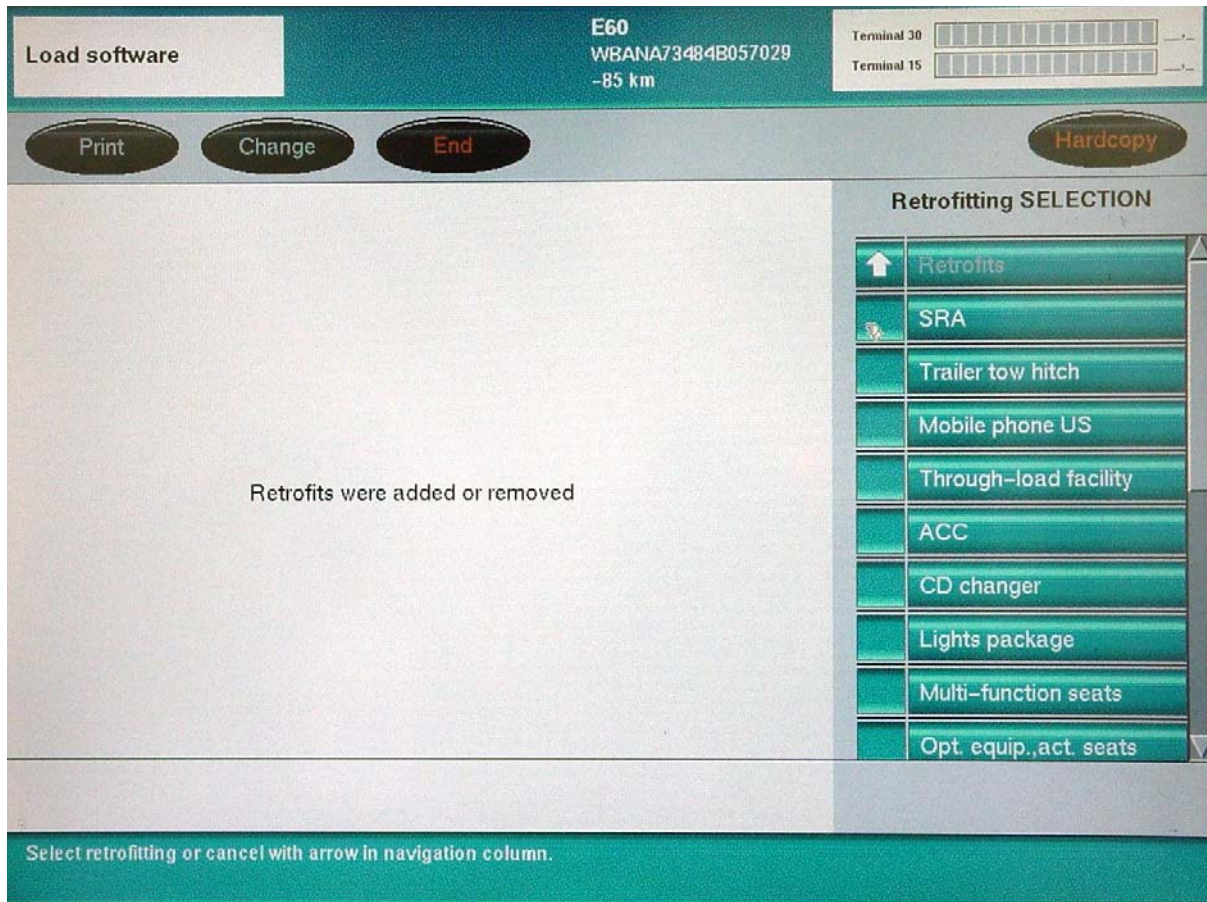
If you selected no earlier (Have any control modules been replaced?) you would come to this screen.

Here selections to reprogram individual modules can be made or entry into retrofit programming.

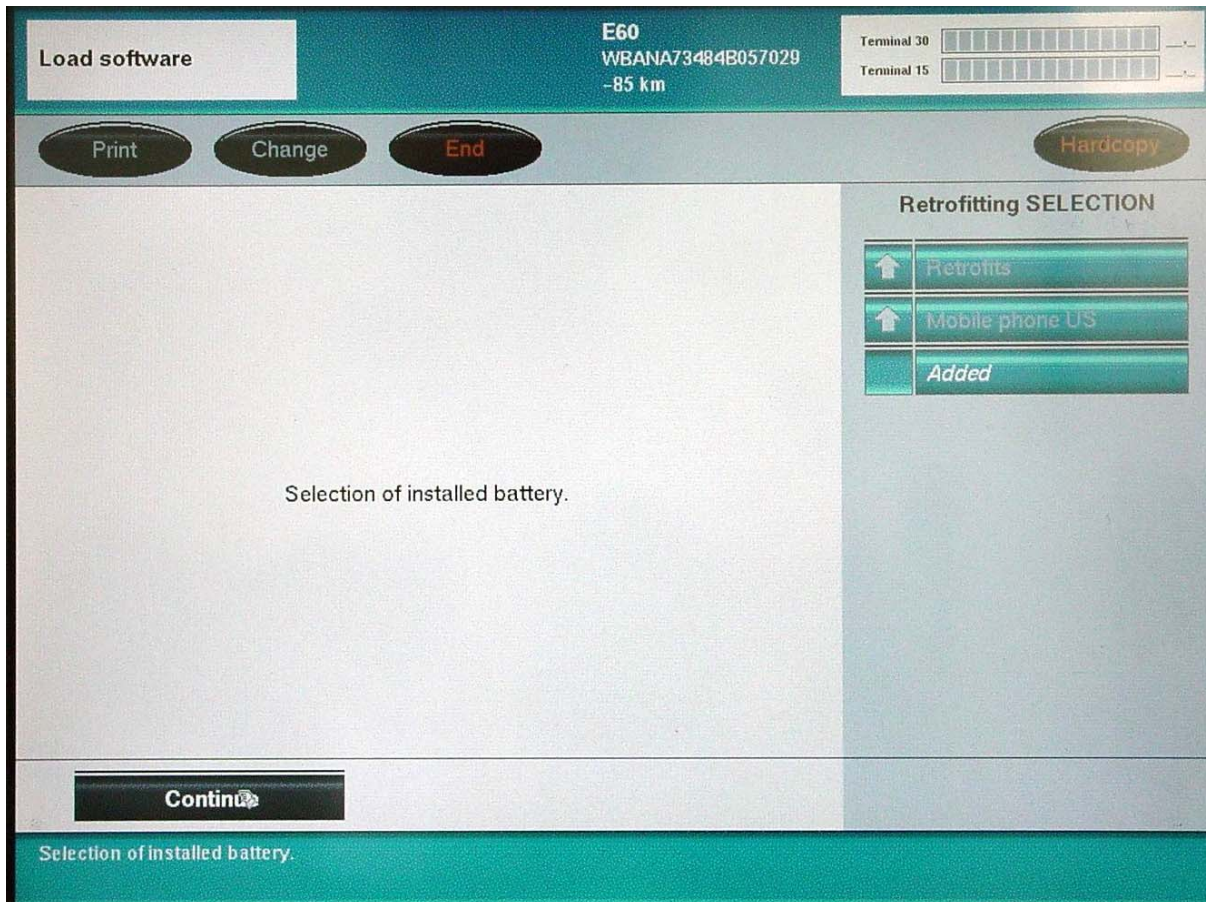


Selecting retrofit on the previous screen brings you here.

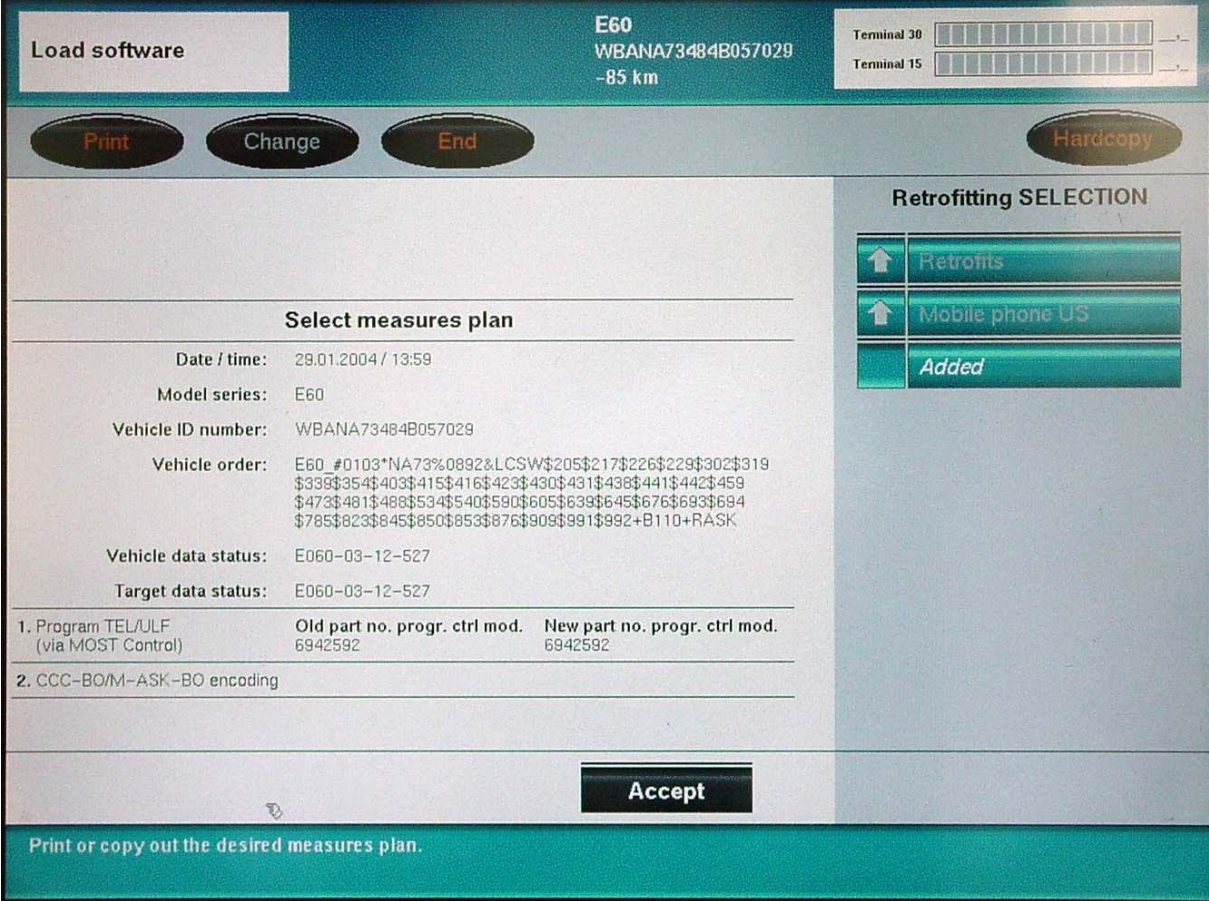
More selections (such as mobile phone USA) are on the next page, accessed by pressing retrofits on bottom of selection list.



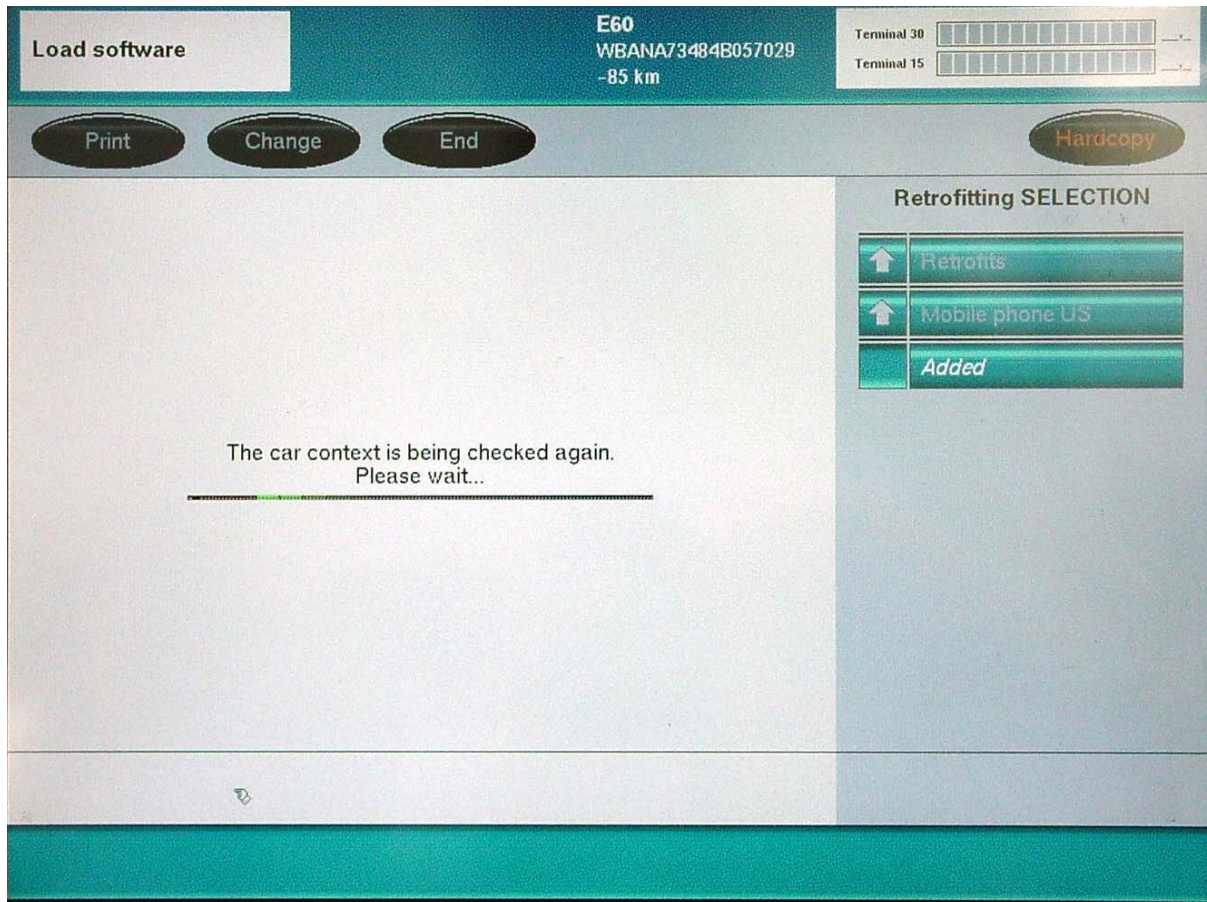
Select the retrofit, in this case the Mobile phone USA.



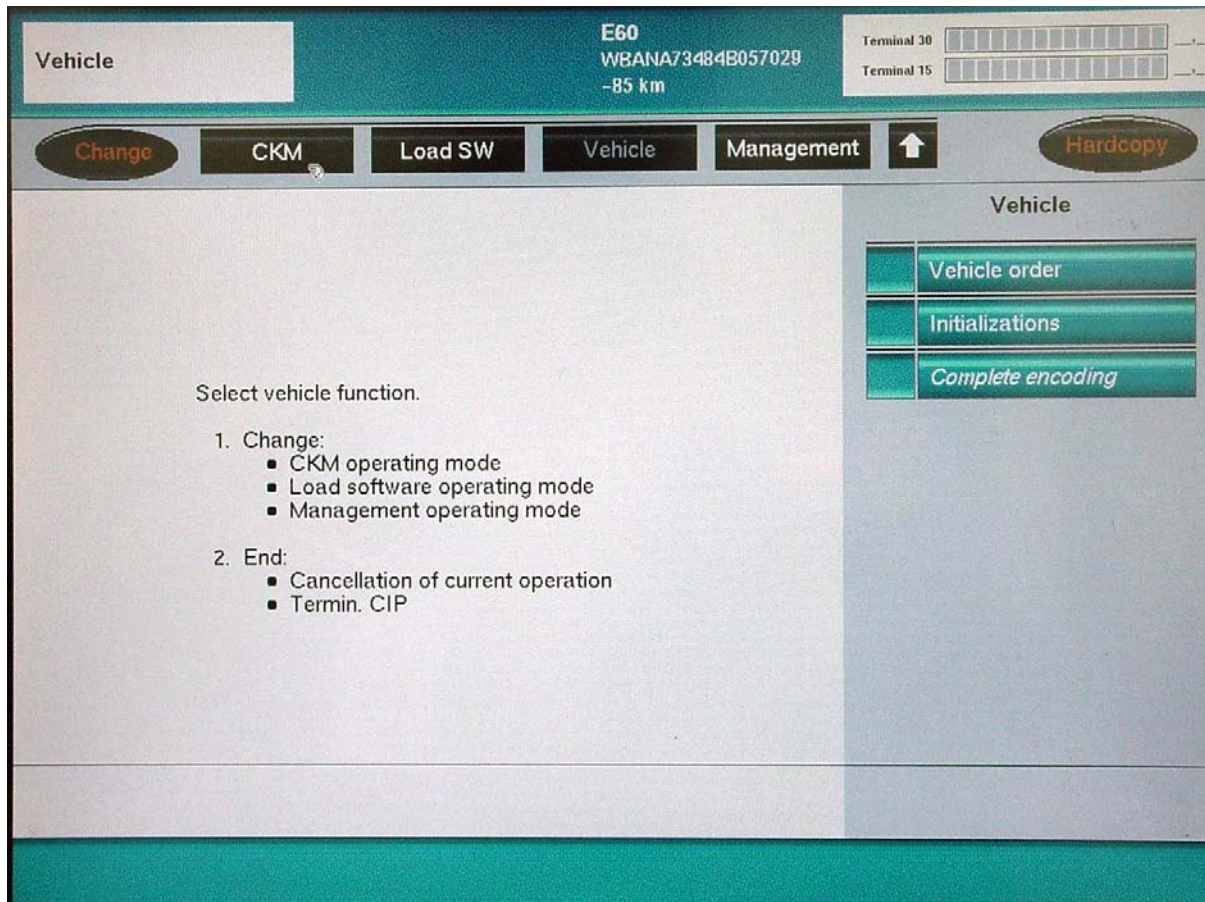
You will be asked which battery the car has installed.



A measures plan will be determined and displayed to accomplish the retrofit.
 Press Accept.



The retrofit is being carried out.

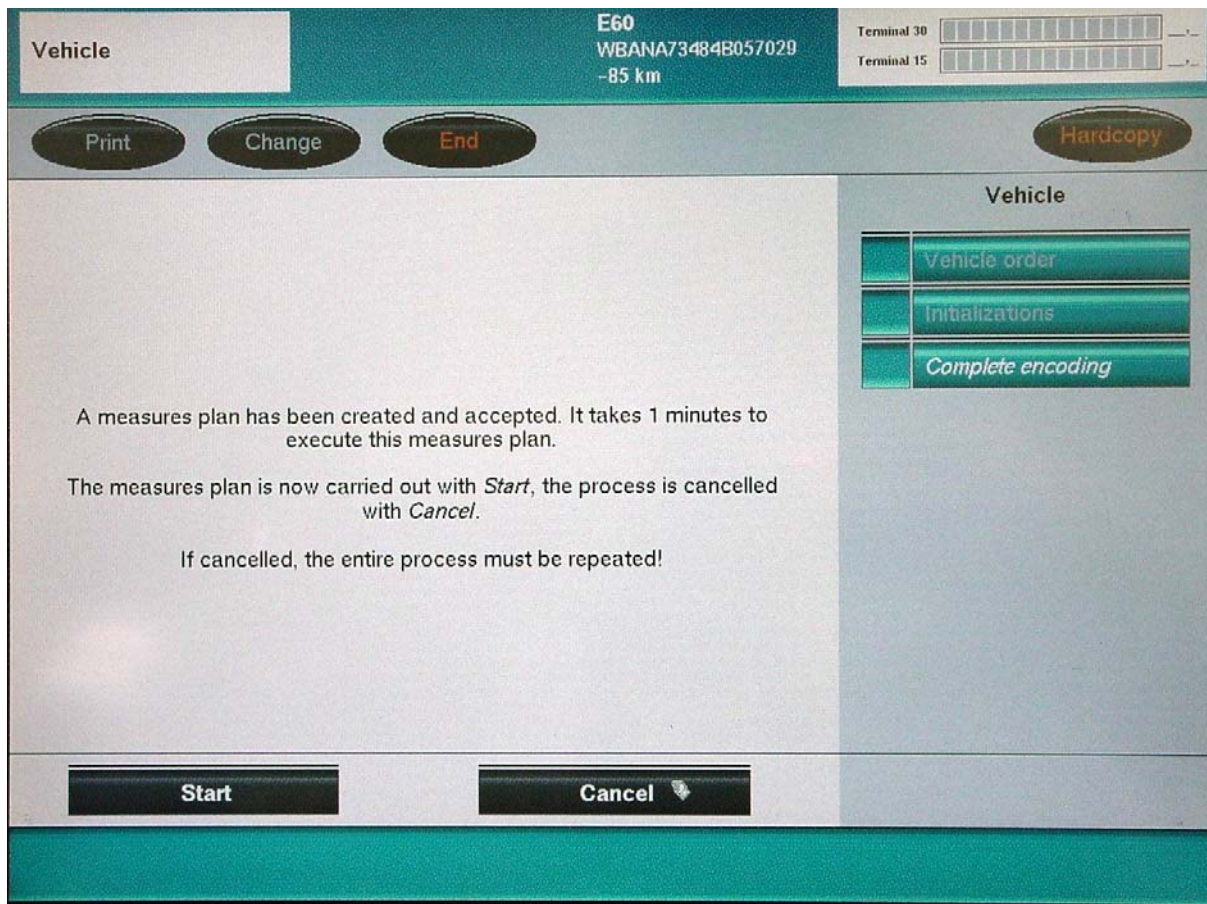


By selecting Vehicle initially when entering CIP, you will save time when updating the vehicle.

Updating through Load SW differs from Measures Plan determined through Vehicle.

When updating through Load SW only the module programmed is re-coded. You still need to come to this screen and perform Complete Encoding.

By updating through Vehicle, the entire car is automatically encoded, after the programming is complete.



Press start to begin the programming and encoding procedure.



Workshop Exercise - CIP

The purpose of this exercise is to retrofit an eject box to the vehicle and then remove the eject box by changing the VO back to its original state.

The eject box does not have to be physically installed to perform the retrofit...

However it is recommended that the eject box be installed so that testing may be done after the retrofit procedure.

Note: The eject box is already physically installed in the vehicle, and the vehicle has been brought up to the most current programming level.

Enter CIP

When prompted, Select NO... Control Modules have not been installed.

Select Retrofits from bottom right of screen.

Select Retrofits from bottom of selection list.

Select Mobile Phone USA.

A measure plan will be determined, then select Accept.

Select finish.

At this time what modules in the vehicle have been programmed and encoded?

Make a phone call with the mobile phone using the controller.

Did the phone call work? _____

Now disconnect from the vehicle, and cycle the key.

Attempt to use the mobile phone now.

Retrofit the mobile phone again.

Encode the entire vehicle.

Disconnect from the vehicle and make a phone call using the mobile phone.

Why did the phone call work this time? _____

Hook back up to the vehicle.

Select Vehicle

Select VO

Select Adapt VO

You will be instructed to insert the disc into the DISplus.

When the adaptation is finished the current VO will be displayed.

The mobile phone VO code (K639) should no longer be listed on the VO.
